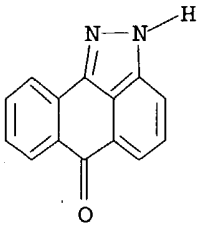
=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 06:55:43 ON 01 JUL 2004)

FILE 'REGISTRY' ENTERED AT 06:55:47 ON 01 JUL 2004
L1 STRUCTURE UPLOADED
L2 5 S L1
L3 121 S L1 FULL
L4 114 S L3 AND CAPLUS/LC
L5 7 S L3 NOT L4

FILE 'CAPLUS' ENTERED AT 06:58:15 ON 01 JUL 2004
L6 155 S L3

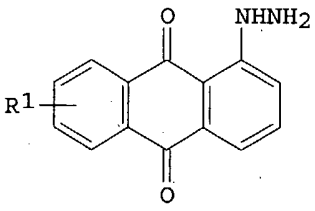
FILE 'REGISTRY' ENTERED AT 06:58:37 ON 01 JUL 2004
L7 2 S L3 AND REF.CAPLUS>10
L8 1 S L3 AND REF.CAPLUS>20
L9 120 S L3 NOT L8

FILE 'CAPLUS' ENTERED AT 07:02:27 ON 01 JUL 2004
L10 65 S L9
L11 19 S L8/THU
L12 19 S L6 AND L11

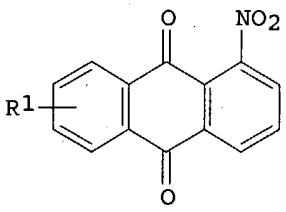
L6 ANSWER 73 OF 155 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1979:203774 CAPLUS
DOCUMENT NUMBER: 90:203774
TITLE: 1-Anthraquinonylhydrazines
INVENTOR(S): Tzikas, Athanassios
PATENT ASSIGNEE(S): Ciba-Geigy A.-G., Switz.
SOURCE: Ger. Offen., 15 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2838091	A1	19790315	DE 1978-2838091	19780831
CH 633525	A	19821215	CH 1977-10735	19770902
US 4202827	A	19800513	US 1978-935035	19780818
FR 2401908	A1	19790330	FR 1978-25091	19780830
FR 2401908	B1	19840720		
CA 1108609	A1	19810908	CA 1978-310414	19780831
BE 870138	A1	19790301	BE 1978-190195	19780901
BE 870139	A1	19790301	BE 1978-190196	19780901
GB 2003476	A	19790314	GB 1978-35366	19780901
GB 2003476	B2	19820310		
ES 473017	A1	19790316	ES 1978-473017	19780901
BR 7805716	A	19790417	BR 1978-5716	19780901
JP 54048746	A2	19790417	JP 1978-107028	19780902

PRIORITY APPLN. INFO.: CH 1977-10735 19770902
GI



I



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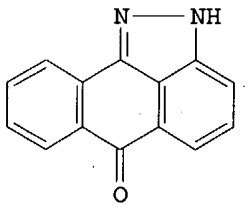
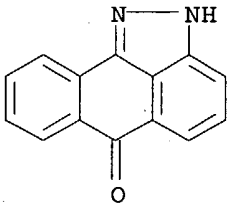


III

AB Three hydrazinoanthraquinones I (R = H, NHNH2) were prepared by hydrazinolysis of nitroanthraquinones II (R1 = H, NO2) in aprotic dipolar solvents. Thus, 1-nitroanthraquinone in 1-methyl-2-pyrrolidone was treated during 1 h with H2NNH2.H2O in 1-methyl-2-pyrrolidone at room temperature

to 38° and the mixture stirred 0.5 h to give I (R = H). Cyclizing I (R = H) by concentrated H2SO4 at ≤100° 0.5 h, then 2 h at 100-10°, gave pyrazoloanthrone III.

IT **129-56-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 129-56-6 CAPLUS
CN Anthra[1,9-cd]pyrazol-6(2H)-one (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



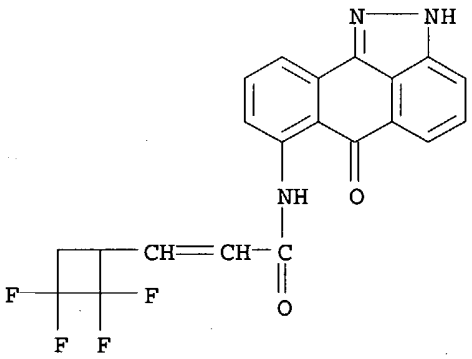
L6 ANSWER 90 OF 155 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1973:45026 CAPLUS
DOCUMENT NUMBER: 78:45026
TITLE: Fiber-reactive, water-insoluble dyes
PATENT ASSIGNEE(S): Farbwerke Hoechst A.-G.
SOURCE: Brit., 31 pp.
CODEN: BRXXAA
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 1293557	A	19721018	GB 1969-1293557	19691031
CH 538527	A	19730815	CH 1968-16590	19681107
FR 2024807	A5	19700903	FR 1969-36157	19691022
GB 1293558	A	19721018	GB 1969-1293558	19691031
ES 373225	A1	19720416	ES 1969-373225	19691106

PRIORITY APPLN. INFO.: CH 1968-16590 19681107
CH 1969-14584 19690926

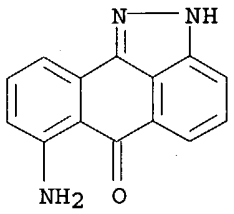
AB Fiber-reactive disperse azo, anthraquinone, perinone, quinophthalone, styryl, and nitro dyes containing a 3-(2,2,3,3-tetrafluorocyclobutyl)acrylamido group (Q) were prepared and used to dye wool, polyamide, polyester, and polyacrylonitrile fibers. Thus, 3,4-Cl(H2N)C6H3SO2Me was diazotized and coupled with m-QC6H4N(CH2CH2OAc)2 to give azo reactive dye I [27391-56-6], washfast orange on nylon. In another example, 1-hydroxy-4-(p-aminoanilino)anthraquinone was acylated with β-(2,2,3,3-tetrafluorocyclobutyl)acryloyl chloride to give anthraquinone reactive dye II [29452-96-8], blue or nylon. Approx. 10 other dyes were prepared similarly.

IT **29452-69-5P**
RL: IMF (Industrial manufacture); PREP (Preparation)
(preparation of)
RN 29452-69-5 CAPLUS
CN 2-Propenamide, N-(2,6-dihydro-6-oxoanthra[1,9-cd]pyrazol-7-yl)-3-(2,2,3,3-tetrafluorocyclobutyl)- (9CI) (CA INDEX NAME)



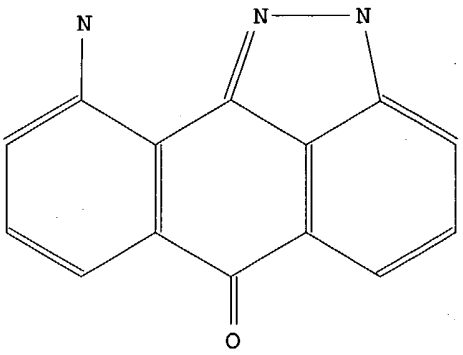
IT **41313-85-3**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with tetrafluorocyclobutaneacryloyl chloride)

RN 41313-85-3 CAPLUS
CN Anthra[1,9-cd]pyrazol-6(2H)-one, 7-amino- (9CI) (CA INDEX NAME)



L14 ANSWER 13 OF 27 BEILSTEIN COPYRIGHT 2004 BEILSTEIN MDL on STN

Beilstein Records (BRN):	660501
Chemical Name (CN):	10-amino-1(2)H-dibenzo<cd,g>indazol-6-one
Autonom Name (AUN):	10-amino-2H-dibenzo<cd,g>indazol-6-one
Molec. Formula (MF):	C14 H9 N3 O
Molecular Weight (MW):	235.24
Lawson Number (LN):	29742
Compound Type (CTYPE):	heterocyclic
Constitution ID (CONSID):	620251
Tautomer ID (TAUTID):	641711
Beilstein Citation (BSO):	5-25
Entry Date (DED):	1988/11/28
Update Date (DUPD):	1992/09/03



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	1
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSO	Beilstein Citation	1
ED	Entry Date	1
UPD	Update Date	1
MP	Melting Point	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence

RX	Reaction Documents	1
RXPRO	Substance is Reaction Product	1

Melting Point:

Value (MP) (Cel)	Ref.
212	1

Reference(s):
1. Patent: Bayer DE 1257149 1963, Chem.Abstr., 69(10433g), <1968>

Reaction:
RX

Reaction ID (.ID):	5978456
Product BRN (.PBRN):	660501
Product (.PRO):	10-amino-1(2)H-dibenzo<cd,g>indazol-6-one
No. of React. Details (.NVAR):	1

Reaction Details:
RX

Reaction RID (.RID):	5978456.1
Reaction Classification (.CL):	Preparation (half reaction)

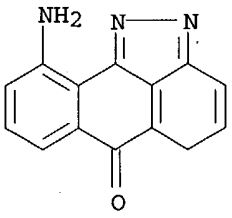
Reference(s):
1. Patent: Bayer DE 1257149 1963, Chem.Abstr., 69(10433g), <1968>

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1968:410433 CAPLUS
DOCUMENT NUMBER: 69:10433
TITLE: 4-, 5-, or 8-Amino-1,9-pyrazoloanthrones
INVENTOR(S): Neeff, Ruetger
PATENT ASSIGNEE(S): Farbenfabriken Bayer A.-G.
SOURCE: Ger., 2 pp.
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1257149		19671228	DE	19630604 <--

AB The title compds. are prepared by treating 1-anthraquinonesulfonic acids which contain a nitro group in the 4-, 5-, or 8-position, or their alkali salts, with $N_2H_4.H_2O$ at 70-120° in the presence of $BaCl_2$. Thus, 30 parts Na 5-nitroanthraquinone-1-sulfonate was added to a mixture of 100 parts 100% $N_2H_2.H_2O$ and 0.2 parts octanol, boiled 1 hr., cooled, and the red crystalline product removed by suction and washed with water. The yield was 70% 7-amino-6, 11-dihydro-1H-pyrazolo[3,4,5-an]anthracene (I) m. 349-50°. Similarly prepared was the 10 amino analog of I, decomposing 212°.

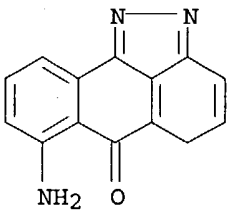
L6 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN **20430-53-9** REGISTRY
CN Anthra[1,9-cd]pyrazol-6(5H)-one, 10-amino- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H9 N3 O
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2004 ACS on STN
RN **20430-52-8** REGISTRY
CN Anthra[1,9-cd]pyrazol-6(5H)-one, 7-amino- (8CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H9 N3 O
LC STN Files: CA, CAPLUS
DT.CA CAplus document type: Patent
RL.P Roles from patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)